

Amendments to the Claims

Please amend claims 1, 4, 5, 6, 13, 14, 15, 17, add claim 42 and cancel claims 40-41 without prejudice or disclaimer to the subject matter therein.

Claim 1. (Currently Amended) A method of providing a polypeptide preparation having a content of undesired enzymatic side activities at such a level that they do not restrict the applicability of said polypeptide preparation for its intended purpose, the method comprising the steps of:

- (i) providing a medium having a pH of 2.0 or higher that comprises chymosin and in addition at least one undesired enzymatic side activity which is selected from glucoamylase, peptidase, amylase, cellulase, phosphatase and protease, and
- (ii) subjecting said medium to a pH between about 1.7 about 1.5 to about 1.9 for a period of time that is sufficient to at least partially inactivate said glucoamylase at least one undesired enzymatic side activity while maintaining at least partial enzymatic activity of said chymosin.

Claim 2. (Previously Presented) A method according to claim 1, wherein at least 75% of the enzymatic activity of chymosin is retained.

Claim 3. (Previously Presented) A method of claim 2, wherein at least 85% of the enzymatic activity of chymosin is retained.

Claim 4. (Currently Amended) A method according to claim 1, wherein at least 50% of said glucoamylase at least one undesired enzymatic activity is inactivated.

Claim 5. (Currently Amended) A method according to claim 4, wherein at least 90% of said glucoamylase at least one undesired enzymatic activity is inactivated.

Claim 6. (Currently Amended) A method according to claim 1, wherein the medium having a pH of 2.0 or higher is a medium derived from the cultivation of an organism that during

its cultivation produces chymosin and said glucoamylase ~~at least one undesired enzymatic activity~~.

Claim 7-8. (Cancelled)

Claim 9. (Previously Presented) A method according to claim 1, wherein the medium having a pH of 2.0 or higher is derived from the cultivation of an organism that is selected from the group consisting of an animal species, a plant species, a bacterial species, a yeast species and a species of filamentous fungi.

Claim 10. (Previously Presented) A method according to claim 9, wherein the bacterial species is selected from the group consisting of a gram negative bacterial species and a gram positive species.

Claim 11. (Previously Presented) A method according to claim 9, where the yeast species is selected from the group consisting of *Saccharomyces cerevisiae*, a methylotrophic yeast species and a *Klyuveromyces* species.

Claim 12. (Original) A method according to claim 9, wherein the species of filamentous fungi is selected from the group consisting of an *Aspergillus* species, a *Cryphonectria* species, a *Fusarium* species, a *Rhizomuor* species and a *Trichoderma* species.

Claim 13. (Currently Amended) A method according to claim 1, wherein the medium having a pH of 2.0 or higher is subjected to a pH between about 1.7 ~~about 1.6~~ to about 1.8.

Claim 14. (Currently Amended) A method according to claim 13, wherein the pH is between about 1.7 ~~about 1.65~~ to about 1.75.

Claim 15. (Currently Amended) A method according to claim 14, wherein the pH is between about 1.75 and about 1.8 ~~about 1.7~~.

Claim 16. (Previously Presented) A method according to claim 1, wherein the pH is about 1.8.

Claim 17. (Currently Amended) A method according to claim 1, wherein the pH ~~between 4.5~~ between 1.7 and 1.9 is provided by adding an inorganic or an organic acid.

Claim 18. (Previously Presented) A method according to claim 1, wherein said period of time is in the range of 0.1 minutes to 48 hours.

Claims 19-28. (Cancelled)

Claim 29. (Previously Presented) A method according to claim 1, wherein the chymosin is derived from a mammalian species selected from the group consisting of a ruminant species, a *Camelidae* species, a porcine species, an *Equidae* species and a primate species.

Claim 30. (Original) A method according to claim 29, wherein the ruminant species is selected from the group consisting of a bovine species, an ovine species, a caprine species, a deer species, a buffalo species, an antelope species and a giraffe species.

Claim 31. (Previously Presented) A method according to claim 30, wherein the mammalian derived chymosin is naturally produced in a mammalian species.

Claims 32-34. (Cancelled)

Claim 35. (Previously Presented) A method according to claim 10, wherein the bacterial species is selected from *E. coli* and *Bacillus*.

Claim 36. (Previously Presented) A method according to claim 9, wherein the yeast species is selected from *Pichia pastoris* and *Klyuveromyces lactis*.

Claims 37-38. (Cancelled)

Claim 39. (Previously Presented) A method according to claim 29, wherein the *Camelidae* species is *Camelus dromedarius*.

Claims 40-41. (Cancelled)

Claim 42 (New). The method of claim 12, wherein said *Aspergillus* species is *Aspergillus niger* var. *awamori*.